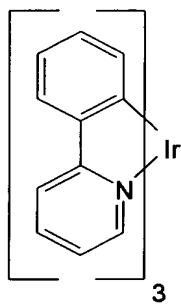




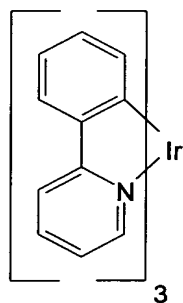
EXHIBIT A

Currently pending claims in U.S. patent application no. 09/883,734 (filed on June 18, 2001)

92. An organic light emitting device comprising an anode, a cathode and an emissive layer, wherein the emissive layer is located between the anode and the cathode and the emissive layer comprises a phosphorescent organometallic compound, wherein the phosphorescent organometallic compound is an iridium compound including a carbon-metal bond.
93. The organic light emitting device of claim 92, wherein the iridium compound is a cyclometallated iridium compound.
94. The organic light emitting device of claim 92, wherein the iridium compound is fac-tris(2-phenylpyridine) iridium, as denoted by the formula:



98. The organic light emitting device of claim 92, wherein the phosphorescent organometallic compound is a cyclometallated compound including a cycle closed with at least one metal-X bond, wherein X is selected from the group consisting of nitrogen, sulfur, phosphorous, arsenic and oxygen.
100. An organic light emitting device comprising an anode, a cathode and an emissive layer, wherein the emissive layer is located between the anode and the cathode, and the emissive layer comprises a host material and a phosphorescent organometallic compound present as a dopant in said host material, wherein the phosphorescent organometallic compound includes a carbon-metal bond.
101. The organic light emitting device of claim 100, wherein the phosphorescent organometallic compound is an iridium compound.
102. The organic light emitting device of claim 101, wherein the iridium compound is a cyclometallated iridium compound.
103. The organic light emitting device of claim 101, wherein the iridium compound is fac-tris(2-phenylpyridine) iridium, as denoted by the formula:



104. The organic light emitting device of claim 100, wherein the phosphorescent organometallic compound is an osmium compound.
105. The organic light emitting device of claim 104, wherein the osmium compound is a cyclometallated osmium compound.
106. The organic light emitting device of claim 100, wherein the phosphorescent organometallic compound is a platinum compound.
107. The organic light emitting device of claim 100, wherein the phosphorescent organometallic compound is a cyclometallated compound including a cycle closed with at least one metal-X bond, wherein X is selected from the group consisting of nitrogen, sulfur, phosphorous, arsenic and oxygen.
108. The organic light emitting device of claim 107, wherein the phosphorescent organometallic compound is a cyclometallated platinum compound.
109. The organic light emitting device of claim 100, wherein the host material is a polymeric host material.
110. The organic light emitting device of claim 109, wherein the polymeric host material is a polyvinylcarbazole.
111. The organic light emitting device of claim 100, wherein the phosphorescent organometallic compound is substituted with an electron donor group.

112. The organic light emitting device of claim 100, wherein the phosphorescent organometallic compound is substituted with an electron acceptor group.
135. An organic light emitting device comprising an anode, a cathode and an emissive layer, wherein the emissive layer is located between the anode and the cathode and the emissive layer comprises a phosphorescent organometallic compound, wherein the phosphorescent organometallic compound is a cyclometallated compound including a carbon-metal bond.
136. The organic light emitting device of claim 135, wherein the cyclometallated compound is a platinum compound.
137. The organic light emitting device of claim 135, wherein the cyclometallated compound further includes a cycle closed with at least one metal-X bond, wherein X is selected from the group consisting of nitrogen, sulfur, phosphorous, arsenic and oxygen.
138. The organic light emitting device of claim 137, wherein the cyclometallated compound is a platinum compound.
139. The organic light emitting device of claim 137, wherein X is nitrogen.
140. The organic light emitting device of claim 98, wherein X is nitrogen.
141. The organic light emitting device of claim 107, wherein X is nitrogen.